



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
22.07.2015 Bulletin 2015/30

(51) Int Cl.:
G01C 21/36 (2006.01) G06T 1/00 (2006.01)

(43) Date of publication A2:
11.12.2013 Bulletin 2013/50

(21) Application number: **13170702.8**

(22) Date of filing: **05.06.2013**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

- **Cho, Kyu-Sung**
443-742 Gyeonggi-do (KR)
- **Baek, Sung-Hwan**
443-742 Gyeonggi-do (KR)
- **Cho, Ik-Hwan**
443-742 Gyeonggi-do (KR)
- **Son, Tae-Hwan**
443-742 Gyeonggi-do (KR)

(30) Priority: **06.06.2012 KR 20120060679**

(71) Applicant: **Samsung Electronics Co., Ltd**
Gyeonggi-do 443-742 (KR)

(74) Representative: **Jenkins, Richard Gavin**
HGF Limited
Saviour House
9 St Saviourgate
York YO1 8NQ (GB)

(72) Inventors:
• **Jeung, Ji-Hong**
443-742 Gyeonggi-do (KR)

(54) **Method for Providing Navigation Information, Machine-Readable Storage Medium, Mobile Terminal, and Server**

(57) A method for providing navigation information, a machine-readable storage medium, a mobile terminal and a server are provided. The method includes generating a preview image captured by a camera and location information of the mobile terminal; transmitting the pre-

view image and location information to a server, receiving, from the server, route guide information generated based on the preview image and the location information, and displaying the route guide information to a user.

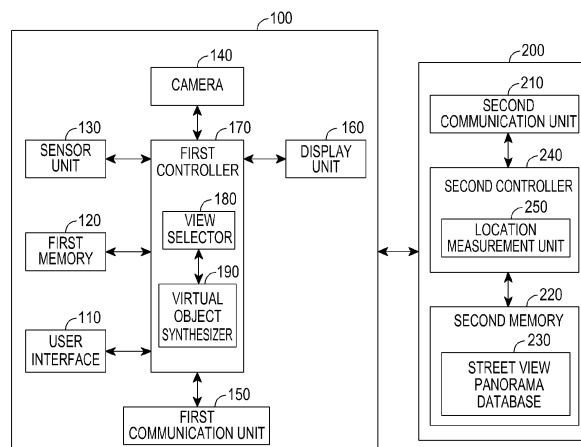


FIG.1



EUROPEAN SEARCH REPORT

Application Number
EP 13 17 0702

5

10

15

20

25

30

35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2011/158352 A1 (NAVITIME JAPAN CO LTD [JP]; UETAKE KOSUKE [JP]) 22 December 2011 (2011-12-22) * paragraphs [0007], [0083], [0097], [0167] - [0176]; figures 1,12,13,14 * & EP 2 583 877 A1 (NAVITIME JAPAN CO LTD [JP]) 24 April 2013 (2013-04-24) -----	1-8,12	INV. G01C21/36 G06T1/00
X	US 2011/313653 A1 (LINDNER JEFFERY ERHARD [CA]) 22 December 2011 (2011-12-22) * paragraphs [0024], [0044] - [0050], [0068] - [0094], [0113]; figures 3,4,8 * -----	1-3,6-11	
X	EP 2 420 978 A2 (PANTECH CO LTD [KR]) 22 February 2012 (2012-02-22) * paragraphs [0005], [0006], [0021] - [0026]; figures 4,5 * -----	1,8	
X	US 2012/115513 A1 (HAN SANGYOUN [KR]) 10 May 2012 (2012-05-10) * paragraphs [0011] - [0013]; figures 2,3 * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			G01C G06T H04M B61L G06K
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		4 June 2015	de la Rosa Rivera, E
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 13 17 0702

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-06-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2011158352 A1	22-12-2011	EP 2583877 A1	24-04-2013
		US 2013090849 A1	11-04-2013
		WO 2011158352 A1	22-12-2011
US 2011313653 A1	22-12-2011	US 2011313653 A1	22-12-2011
		US 2014297185 A1	02-10-2014
EP 2420978 A2	22-02-2012	CN 102436460 A	02-05-2012
		EP 2420978 A2	22-02-2012
		KR 20120017870 A	29-02-2012
		US 2012047233 A1	23-02-2012
US 2012115513 A1	10-05-2012	KR 20120049757 A	17-05-2012
		US 2012115513 A1	10-05-2012